

The Bean Bag

**A newsletter to promote communication among research scientists concerned with
the systematics of the Leguminosae/Fabaceae**

Number 50

February 2003

From the Editor

Barbara Mackinder

The Bean Bag is designed to promote communication among research scientists concerned with legume systematics. To achieve this goal *The Bean Bag* is issued each year and features six columns: From the Editor, News (meetings, major events, announcements, etc.), Latin American Legume Report, Nodulation and Nitrogen Fixation (nothing to report this year after last years extensive contributions), Gleanings, and Recent Legume Literature. Data in the Gleanings column are derived from questionnaire sheets which Readers complete and return. If you have news about legume systematics, send it to us for this column. The Recent Legume Literature column contains published research papers of specific interest to *Bean Bag* Readers and is derived from Readers contributions in conjunction with references from *The Kew Record* (Kew's current awareness list of taxonomic literature). Recent is defined as up to 18 months old. Specific interest to *Bean Bag* Readers is defined as research papers of interest to a worldwide group of legume systematic botanists. *Bean Bag* Readers are encouraged to send notices, observations, etc.

Directory update: As this is a slender issue, a copy of *The Bean Bag* Directory of readers has been appended. Each entry comprises reader's name, address and where submitted email address and area(s) of interest. Please check your entry. If you wish to update your entry please contact the editor (preferably by email: B.mackinder@rbgkew.org.uk). It would be desirable to have at least one entry under "special interest" for every reader. Also, if you are aware that someone no longer working with legumes is included in the directory, please let the editor know so that the directory can be updated accordingly. Addresses of libraries who take *The Bean Bag* for their shelves have not been included in the appended directory.

The Bean Bag can be delivered to readers via e-mail. If you wish to have your copies e-mailed to you, please send an email message to the editor (email: B.mackinder@rbgkew.org.uk). Will new readers please provide their title, first and last names, full postal address and area(s) of interest.

Electronic copies of the current and past issues of *The Bean Bag* can be viewed on the World Wide Web server of the Royal Botanic Gardens, Kew, UK at <http://www.rbgkew.org.uk/herbarium/legumes/beanbag.html>

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NEWS

The Rupert Barneby Award

James L. Luteyn

The New York Botanical Garden is pleased to announce that Jason Alexander, currently at the Department of Botany & Plant Pathology, Oregon State University, is the recipient of the Rupert Barneby Award for the year 2003. Mr. Alexander will be studying the systematics of various species of Astragalus in the western United States.

The New York Botanical Garden now invites applications for the Rupert Barneby Award for the year 2004. The award of US\$ 1,000.00 is to assist researchers to visit The New York Botanical Garden to study the rich collection of Leguminosae. Anyone interested in applying for the award should submit their curriculum vitae, a detailed letter describing the project for which the award is sought, and the names of 2-3 referees. Travel to the NYBG should be planned for sometime in the year 2004. The application should be addressed to Dr. James L. Luteyn, Institute of Systematic Botany, The New York Botanical Garden, 200th Street and Kazimiroff Blvd., Bronx, NY 10458-5126 USA, and received no later than December 1, 2003. Announcement of the recipient will be made by December 15th.

***Leucaena* Genetic Resources Handbook available on the Web**

Colin Hughes

At the Department of Plant Sciences, University of Oxford, UK, work is underway to convert Colin Hughes's *Leucaena* Genetic Resources Handbook into an e-book that will be available in English by June 2003 as well as Spanish at a later date. Once the conversion is complete the document will be found on the Oxford University Herbaria website <http://www.plants.ox.ac.uk>. [Hughes, C.E. 1998. *Leucaena*. A Genetic Resources Handbook. Tropical Forestry Paper 37: 1-274. Oxford].

LATIN AMERICAN LEGUME REPORT

V Reunión Satélite de Especialistas en Leguminosas (Fabaceae) Cartagena de Indias, Colombia, 13-18 de octubre de 2002

Renée H. Fortunato y Silvia T. Miotto

English Summary

The 5th satellite meeting of Latin America legume research was held in conjunction with the 8th Latin American Botanical Congress and the 2nd Colombian Botanical Congress, Cartagena de Indias, Colombia, 15 October 2002. The meeting was chaired by FORTUNATO, with MIOTTO acting as secretary. There were 26 participants, who discussed various legume topics including Rupert Barneby's Obituary (1911-2000) and a summary of The Fourth International Legume Conference, July 2001, Canberra, Australia presented by FORTUNATO.

A resume of the research was given for the following countries at the meeting: Argentina (represented by PALACIOS and FORTUNATO), Bolivia and Ecuador (represented by NEILL), Brazil (represented by MIOTTO) and Colombia (represented by FORERO and QUINONEZ).

The International Scientific Agencies and Foundations which facilitate cooperation and offer financial support to Latin America researchers especially those working on legumes gave a presentation.

The next satellite meeting on Legume Studies will be held during the 9th Latin American Botanical Congress, Dominican Republic in 2006. FORTUNATO has been invited to coordinate the next Latin American Legume Symposium by the Organizing Committee of the 9th Latin American Botanical Congress

Introducción

En el marco del VIII Congreso Latinoamericano de Botánica — II Congreso Colombiano de Botánica (Cartagena de Indias, Colombia) se efectuó la V Reunión Satélite de especialistas en Leguminosas el día 15 de octubre de 2002 (14,30-16 hs), continuando con la modalidad iniciada a partir de 1986 durante el IV Congreso Latinoamericano de Botánica (Medellín, Colombia). Esta reunión fue dedicada en homenaje a la memoria del Dr. Rupert Barneby (1911-2000). Coordinación: Renée H. FORTUNATO. Secretaría Ejecutiva: Silvia T. MIOTTO

Coordinación: Renée H. FORTUNATO. Secretaría Ejecutiva: Silvia T. MIOTTO

Participantes: 26 (Argentina — 2, Brasil — 1, Colombia — 17, Ecuador/USA — 1, México — 3, Venezuela — 2): María del Socorro Balcázar (balcazar@postmark.net), Luis A. Vidal Córdoba (lvidalco1@latinmail.com), María Flores Cruz (mafc@xanum.uam.mx), Gabriel de la Cruz A. (gdelacruz@palmira.unal.edu.co), Amparo Echeverry G. (hamparo@yahoo.com), Enrique Forero (eforero@ciencias.unal.edu.co), Renée H. Fortunato (rfortun@cirn.inta.gov.ar), Carolina Romero Hernández (pepito-grillo@email.com), Heriberto David Higuita (heridavidhi@hotmail.com), Norka De Lima M. (norka11@hotmail.com), Angélica Alba López (albita@email.com), Silvia T. Miotto (stmiotto@bol.com.br), Carmenza Muñoz (johan@uniweb.net.co), David Neill (neill@ecnet.ec), Ramón Palacios (palacios@bg.fcen.uba.ar), Luz Mila Quiñonez M. (luzmila@coll.telecom.com.co; qluzmila@hotmail.com), F. Javier Roldán (jroldan@matematicas.udea.edu.co), Gina Rodriguez (ginamarchito@yahoo.es), J. Dario Rodriguez (holafulanito@yahoo.com), Liz Karen Ruiz (likarubo@yahoo.com), Sergio Andrés Lopera Tamayo (homoaguti@hotmail.com), Juan Carlos Granados-Tochoy (tochoy@latinmail.com), Leticia Torres-Colín (lety@ibiologia.unam.mx), Iselen Trujillo (itrujill@unesr.edu.ve), María Catalina Vélez E. (catavel@yubarta.univalle.edu.co), Pedro Zamora C. (pezamora@mail.uacam.mx).

Temario de la V Reunión:

Obituario: Rupert Barneby (1911-2000)

Nació el 6 de octubre de 1911 en Monmouthshire, Reino Unido, desde joven se interesó por las ciencias naturales y en 1941 se trasladó con residencia permanente a los Estados Unidos de América. El Dr. Barneby es considerado uno de los taxónomos más eminentes, o tal vez el más eminente del siglo XX que ha realizado numerosos aportes monográficos y florísticos de calidad en grupos complejos de Leguminosae (Fabaceae), Menispermaceae y Loganiaceae del Continente Americano (ha publicado más de 1900 taxa/comb. nuevas para la ciencia: W.R. Buck, 2001. An annotated list of the publications of Rupert Barneby. *Brittonia* 53: 41-57.). Falleció el martes 5 de diciembre de 2000 en New York, a la edad de 89 años, siendo Curador Emérito del Instituto de Botánica Sistemática del New York Botanical Garden (NYBG).

Como fuera señalado en la presentación del premio Asa Gray (1989): “*Rupert Barneby era un taxónomo de la taxonomía. No se podía pensar en otra persona en esta área de la ciencia del estilo G. Bentham para efectuar grandes contribuciones con tanta elegancia*”.

Específicamente en estudios de Leguminosae del Continente Americano cabe resaltar sus monografías en *Astragalus*, (1964, Norte América), la nueva caracterización de la Tribu Amorpheae (1977, *Dalea*, *Errazurizia*, *Psorothamnus* y *Marina*), el género *Mimosa* — Engler Silver Medal — International Association for Plant Taxonomy (1991, Neotrópico) y la más reciente y última contribución: *Calliandra*, (1998, endémico de las Américas); asimismo colaboró con B.A. Krukoff (*Erythrina*), H. S. Irwin (The American Cassiinae) y James Grimes (Acacieae e Ingeae). La participación conjunta con Grimes posibilitó la revisión más moderna y detallada de los géneros: *Abarema*, *Albizia*, *Enterolobium* et allies (1994), *Pithecellobium*, *Cojoba* y *Zygia* (1997) para el Neotrópico.

Rupert era un amante eterno y genuino apasionado de las plantas y muy especialmente de las Leguminosas: “*About the Legumes, They choose you, I don't think I choose them*” (The New York Times, 1992).

Resumen de la IV Conferencia Internacional de Leguminosas (The Fourth International Legume Conference), 2-6 de julio de 2001, Canberra, A.C.T., Australia:

Renée H. Fortunato

La Conferencia si bien fue de impacto en Sistemática (Caesalpinoideae-Mimosoideae-Papilionoideae) se incluyeron Simposios de Desarrollo y Morfología Estructural, Fitoquímica, Simbiosis, Interacción Planta/Animal, Utilidad y Bancos de Datos e información en páginas de utilidad para los especialistas en Leguminosas en Internet. Los resultados de lo presentado por los disertantes de los Simposios serán publicados en dos volúmenes como parte de la serie: *Advances in Legumes Systematics*. Vol. X editado por Royal Botanic Gardens, Kew (en prensa) y Vol. XI editado por CSIRO en una publicación especial del *Australian Systematics Botany* (en prensa) centrada únicamente en los estudios presentados sobre el género *Acacia s.l.*

Esta reunión internacional convocó a más de 140 participantes de diferentes países y en lo referente a la representación de especialistas residentes en Latinoamérica: 11 (Méjico 6, Brasil 4 y Argentina 1).

El dominio de las presentaciones en taxonomía fue el análisis de la filogenia en distintos grupos y en especial con relación a la evaluación molecular, incluso en las hipótesis de interpretación de la radiación biogeográfica de las especies.

Representantes de China ofertaron sus países para ser sede de la próxima Conferencia Internacional de Leguminosas, no obstante, en contactos posteriores, los especialistas de Méjico estarían evaluando la posibilidad de organizar dicha reunión y si ninguna de las potenciales sedes mencionadas puede ejecutarla Pat Herendeen ha ofertado Washington. Por el momento no existe una fecha establecida para la próxima Conferencia, en un primer momento se citó la posibilidad del año 2004, pero ante la espera de reunir más resultados globales tal vez se proponga recién realizarla en 2006.

Post-Conferencia: El género *Acacia s. l.* presenta en Australia uno de los centros más importantes de diversidad, importancia que esta relacionada a la utilidad potencial en las regiones áridas y semiáridas de dicho país. Sobre esta base, entre el 8 y 12 de julio, se realizó un viaje Post-Congreso de reconocimiento de los diferentes grupos de especies a la región occidental de Australia (Perth — Dalwallinu); al finalizar el viaje fue factible participar del *Acacia Symposium* organizado en Dalwallinu: 13-14 de julio. Bruce Maslin (Dept. of Conservation and Land Management, Locked Bag 104, Bentley Deliver Centre, WA) estuvo a cargo de la coordinación del viaje Post-Congreso.

Con el objetivo de exponer a través de los delegados nacionales presentes el desarrollo de las investigaciones que se realizan en la Familia en América Latina se contó con la presentación de representantes de:

Colombia

Enrique Forero

Colombia es uno de los países Megadiversos, su plasticidad ecológica permite que presente centros de biodiversidad en diferentes tipos de hábitat con un alto impacto en el número de representantes de la Familia Leguminosae (Fabaceae), no obstante en la actualidad por la falta de apoyo a las ciencias básicas carece de recursos humanos formados. A través de los proyectos de Flora de Colombia y de su Checklist, en el Inst. de Ciencias Naturales se está dirigiendo la revisión del género *Inga* y capacitando a estudiantes para tener un conocimiento de sistemática general en la Familia.

Luz Mila QuinoneZ

En la Universidad de Los Llanos continua con los estudios en ejecución, especialmente en la Subfamilia Caesalpinoideae.

David Neill

Se encuentra a cargo del Catálogo de las Leguminosas del Departamento de Antioquia.

Brasil

Silvia T. Miotto

Ante la reciente decisión de asistencia a este evento no se fue posible realizar un contacto con los especialistas, no obstante se presenta en forma general un panorama resumido de los estudios que se están ejecutando de acuerdo a las 5 (cinco) regiones geográficas en que esta dividido Brasil:

- Región Norte:

Instituto Nacional de Pesquisas da Amazônia (INPA), grupo coordinado por Marlene de Freitas.

Región Nordeste:

CEPLAC/Ilhéus, Bahia, André Carvalho¹: Tribu Dalbergieae

Universidade Estadual de Feira de Santana, Bahia, Luciano Paganucci de Queiroz: Tribu Phaseoleae, coordinación de la Familia Leguminosae para la novel Flora del Estado de Bahia.

- Región Centro-Oeste:

Si bien no se posee información recientemente se ha iniciado la Flora del Distrito Federal.

EMBRAPA de Campo Grande, Mato Grosso do Sul, Angela Sartori: Relevamiento de la Tribu Phaseoleae.

- Región Sudeste:

Universidade Estadual de Campinas (UNICAMP), Campinas, São Paulo, Ana Maria Goulart de Azevedo Tozzi:

Especialmente en la Subfamilia Papilionoideae y coordinación de la familia Leguminosae para la Flora Fanerogâmica do Estado de São Paulo (próxima aparición). La flora contó con la participación de investigadores brasileños, extranjeros y varios alumnos de Maestría y Doctorado.

Escuela Superior de Agricultura Luiz de Queiroz (ESALQ), Piracicaba, São Paulo, Vinícius Costra Souza: Caesalpinoideae, principalmente *Senna* y *Chamaecrista*.

Jardim Botânico do Rio de Janeiro: Haroldo de Lima: Tribu Dalbergieae, estudios florísticos y fitosociológicos. Marli Pires Morim: Tesis Doctoral de próxima finalización “Morfología de Frutos y Semillas de Mimosoideae”. Ângela Fonseca Vaz: *Bauhinia*, Doctorado reciente en UNICAMP.

Universidade Federal de Viçosa, Minas Gerais, Flavia Garcia: *Inga*.

Instituto Brasileiro de Geografía e Estadística (IBGE), Reserva Ecológica, Brasilia, posee un convenio con el Jardim Botânico do Rio de Janeiro.

- Región Sur:

Universidade Federal do Rio Grande do Sul, Porto Alegre, Rio Grande do Sul, Silvia T. Miotto, actualmente en la Subfamilia Caesalpinoideae para Flora Catarinense y en particular *Senna* y *Chamaecrista* para la Región Sur de Brasil.

Universidade Federal de Santa Maria (UFSM), Marcos Sobral & José Newton Cardoso Marchiori: *Mimosa* para el Estado de

¹ Sadly Dr. André Carvalho died in 2002

Rio Grande do Sul.

Grupo de Especialistas Leguminólogos Brasileños (GELB): Con la iniciativa de organizar los estudios, identificar a los especialistas y los proyectos en ejecución, hace unos años se creó el GELB; este grupo fue coordinado por Lidio Coradin (CENARGEN/EMBRAPA), y tenía como uno de sus objetivos principales realizar un Catálogo: Checklist de las Leguminosas del Brasil. El GELB organizó Reuniones Satélites durante algunos años en el seno de los Congresos Nacionales de la Sociedad de Botánica del Brasil (SBB), no obstante, este ambicioso proyecto sufrió las consecuencias de un número insuficiente de especialistas, aunado a la extensión del territorio del país y a una falta de articulación entre los investigadores. Esta carencia de resultados consistentes y organizados fue desarticulando al grupo. Actualmente, pasados más de 5 años de la desaparición del GELB, se está pensando nuevamente en la necesidad de retomar la iniciativa de este tipo de Organización, por tal motivo en el próximo Congreso Nacional de Botánica, Belem, Pará, julio/2003 se ha estructurado efectuar nuevamente una Reunión Satélite con la participación de los especialistas de Leguminosas del Brasil.

Ecuador

David Neill

Fue realizado en colaboración con Bente Klitgaard (BM), Gwilym Lewis (K), James Zarucchi (MO) y David Seigler (ILL) el Catálogo de las especies descriptas para el país (P. Jørgensen & S. León-Yáñez, 1999. Catalogue of the Vascular Plants of Ecuador, Monographs in Systematic Botany from the Missouri Botanical Garden 75: 368-374, 468-484, 591-601). Asimismo a través de un proyecto financiado por 5 (cinco) años, Colin Hughes (Dept. of Plant Sciences, University of Oxford, Oxford, Reino Unido) está realizando la revisión biosistemática del género *Lupinus*. La actividad que se efectúa en el país también incluye revisiones florísticas, conservación y programas de manejo de curatoría.

Bolivia: Catálogo de las Plantas Vasculares: Se ha iniciado este proyecto a través de la colaboración conjunta de las Instituciones Nacionales y del Missouri Botanical Garden. D. Neill está encargado de la coordinación de la Familia Leguminosas, contando con la colaboración de especialistas del Royal Botanic Gardens, Kew, en especial Gwilym Lewis y Lourdes Rico-Arce. Rico-Arce se trasladará próximamente a Bolivia para realizar la revisión del género *Acacia*. Se hace mención que por intermedio del incentivo creado después de un curso de Post-Grado dictado en 13-20/5/1996 (Renée H. Fortunato: *Avances en el conocimiento sistemático en Leguminosas (Fabaceae)*, Instituto de Ecología-GTZ, Universidad Mayor de San Andrés, La Paz) Lourdes Vargas está realizando la repatriación de los datos - copias fotográficas e información de tipos y material clásico - presentes en los herbarios del Reino Unido para su envío al herbario de la Universidad (LPB).

Argentina

Renée H. Fortunato

- Catálogo de Plantas Vasculares de Argentina:

Este proyecto ha permitido la colaboración conjunta de los especialistas de Leguminosas del país. Los taxones fueron revisados críticamente sobre la base de bibliografía y ejemplares de herbario. Hasta 1999 la información registrada en el Catálogo fue de 113 géneros y 732 especies (VER: Zuloaga, F.O. & O. Morrone, 1999. Catálogo de las Plantas Vasculares de la Argentina II: Fabaceae-Zygophyllaceae (Dicotyledoneae). *Monographs in Systematic Botany from the Missouri Botanical Garden* 74: 623-744. Missouri Botanical Garden Press, St. Louis, USA.). Con el objetivo de realizar un nuevo Catálogo que incluya las especies de Sudamérica Austral, actualmente se continua incorporando los nuevos aportes taxonómicos publicados en la base de datos IRIS. Esta base de datos fue desarrollada por Daniel Rodríguez en el Inst. de Botánica Darwinion (IBODA).

- Proyectos Florísticos:

Programa Flora Fanerogámica Argentina (IMBIV-CONICET) desde su inicio en 1995 hasta la actualidad se han publicado los siguientes grupos:

Caesalpinoideae. Tribu I Caesalpinieae, Tribu II Cassieae: Subtribu Dialiinae (*Apuleia*), Tribu III Cercideae.

Mimosoideae. Tribu V Mimozygantheae, Tribu VI Mimosaceae, parte A: *Anadenanthera*, *Piptadenia*, *Parapiptadenia*, Tribu VII Acacieae

Papilioideae. Tribu IX Sophoreae, Tribu XI Millettiaeae, Tribu XII Robinieae, Tribu XIII Indigoferae, Tribu XV Phaseoleae; Subtribu Phaseolinae, Tribu XVI Psoraleae, Tribu XVII Amorpheae, Tribu XXI Loteae, Tribu XXII Coronilleae Total de especies publicadas en este Programa: 135.

Programa Floras Regionales: Además de la contribuciones ya publicadas: En Flora Patagónica (*Colec. Ci. Inst. Nac. Tecnol. Agropecu.* 8 (4b): 89-297. 1984) y Flora Ilustrada de Entre Ríos (*Colec. Ci. Inst. Nac. Tecnol. Agropecu.* 6 (3^a): 442-743. 1987), se encuentran en ejecución y en recepción de manuscritos los proyectos Flora Chaqueña (*Colec. Ci. Inst. Nac. Tecnol. Agropecu.* CIRN-IRB, realizado y coordinado en el Inst. de Recursos Biológicos, INTA, Castelar) y Flora de Jujuy (*Colec. Ci. Inst. Nac. Tecnol. Agropecu.* 12, realizado y coordinado en el Inst. de Botánica, Darwinion).

- Grupos de Especialistas en Taxonomía:

Departamento de Biodiversidad, Facultad de Ciencias Exactas y Naturales, UBA.

Facultad de Ciencias Agropecuarias, Universidad Nacional de Córdoba, Córdoba.

Instituto de Botánica Darwinion (IBODA), San Isidro, Buenos Aires.

Instituto de Botánica del Nordeste (IBONE), Corrientes.

Instituto de Recursos Biológicos, CRN, INTA, Castelar, Buenos Aires.

Ramón A. Palacios

Resumen de la conservación que se está implementando en el Banco de Germoplasma del género *Prosopis* en la Argentina y de la evaluación que se está realizando a campo de este género, especialmente en poblaciones presentes en México, Perú y Bolivia.

Biología Floral: Ejecución y dirección de 3 (tres) tesis de Doctorales.

Informe sobre las posibilidades de colaboración entre especialistas en América Latina:

- MERCOSUR, Cooperación Científica y Tecnológica Argentina (CONICET) –Brasil (CNPQ): llamado a presentaciones para visitas de expertos y becas doctorales y postdoctorales en sus modalidades de residencia continua y con intercambio de sede (beca "sandwich") en ambos países. Para informaciones remitirse directamente a http://www.cnpq.br/servicos/editais/ct/prosul_006.htm y Central de Atención de Cooperación Internacional: e-mail: prosul.ascin@cnpq.br
- Convenios de Ciencia y Técnica entre los países del Pacto Andino.
- Formación de Recursos Humanos a través de la Red Latinoamericana de Botánica.
- Sitios de Ciencia y Técnica Internacional en Latinoamérica:

Argentina: - Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET), <http://www.conicet.gov.ar/>. - Agencia Nacional Científica y Tecnológica, <http://www.agencia.secyt.gov.ar/>

Bolivia: Consejo Nacional de Ciencia y Tecnología. (CONACYT). <http://www.conacyt.gov.bo/>

Brasil: Conselho Nacional de Desenvolvimento Científico e Tecnológico. (CNPq). <http://www.cnpq.br/>

Chile: Comisión Nacional de Investigacion Científica y Tecnológica. CONICYT. <http://www.conicyt.cl/>

Colombia: Instituto Colombiano para el Desarrollo de la Ciencia y la Tecnología. (COLCIENCIAS). <http://www.colciencias.gov.co/>

Costa Rica: Ministerio de Ciencia y Tecnología. <http://www.micit.go.cr/>

Cuba: Ministerio de Ciencia, Tecnología y Medio Ambiente. CITMA. <http://canada1.cuba.cu/ciencia/>

Ecuador: Secretaría Nacional de Ciencia y Tecnología (Fundacyt). <http://www.fundacyt.org/>

El Salvador: Consejo Nacional de Ciencia y Tecnología. (CONACYT). <http://www.conacyt.gob.sv/>

Guatemala: Consejo Nacional de Ciencia y Tecnología. (CONCYT). <http://www.concyt.gob.gt/>

Honduras: Consejo Hondureño de Ciencia y Tecnología (COHCIT). <http://www.cohcit.gob.hn/>

México: Consejo Nacional de Ciencia y Tecnología. (CONACYT). <http://www.conacyt.mx/>

Nicaragua: Ministerio de Economía y Desarrollo. Dirección de Tecnología, Normalización y Metrología. <http://www.mific.gob.ni/>

Panamá: Secretaría Nacional de Ciencia, Tecnología e Innovación (SENACYT). <http://www.senacyt.gob.pa/>

Paraguay: Instituto Nacional de Tecnología y Normalización (INTN). <http://www.intn.gov.py/>

Perú: Consejo Nacional de Ciencia y Tecnología. (CONCYTEC). <http://www.concytec.gob.pe/>

República Dominicana: Ministerio De Educación Superior Ciencia y Tecnología. <http://www.cones.gov.do/>

Uruguay: Consejo Nacional de Investigaciones Científicas y Técnicas (CONICYT, Uruguay). <http://www.conicyt.gub.uy/>

Venezuela: Consejo Nacional de Investigaciones Científicas y Tecnológicas. (CONICIT). <http://www.conicit.gov.ve/>

The Third World Academy of Sciences (TWAS) <http://www.ictp.trieste.it/%7Etwas/>

International Foundation for Science (IFS). <http://www.ifs.se/>

- **Discusión y Conclusiones:**

A través del llamado auspiciado por el MERCOSUR se iniciaran presentaciones entre investigadores de la Universidade Federal do Rio Grande do Sul, Porto Alegre, Rio Grande do Sul, Brasil/Instituto de Recursos Biológicos, INTA, Castelar, Prov. Buenos Aires, Argentina.

- *The Bean Bag*, por medio del espacio existente en este periódico de divulgación se auspicia a los especialistas de la región que intensifiquen el intercambio de información referente a los estudios en realización en las diferentes áreas de la Familia. <http://www.rbgkew.org.uk/herbarium/legumes/beanbag.html>

- *The Rupert Barneby Award*: se informa del llamado de beca anual realizado por el New York Botanical Garden. Contactar al Dr. James L. Luteyn, Institute of Systematic Botany, The New York Botanical Garden, Bronx, NY 10458-5126 USA jluteyn@nybg.org

- Missouri Botanical Garden (David Neill, Curador encargado de las colecciones de Leguminosas): a.- ofrece a los especialistas duplicados en canje por identificación de + de 10.000 ejemplares del Neotrópico. b.- informa a los que posean distintos proyectos taxonómicos de la posibilidad de realizar becas de estadías cortas (1-2-3 meses) para la revisión de material de herbario. c.- TROPICOS: el acceso a la información de los ejemplares de herbario determinados incluida en el Banco de Datos está disponible para los investigadores interesados.

- Se aprobó realizar la VI Reunión Satélite en el IX Congreso Latinoamericano de Botánica en República Dominicana, 2006.

- Los representantes del próximo Congreso Latinoamericano de Botánica, República Dominicana, 2006, han invitado a Renée Fortunato a organizar el II Simposio de Leguminosae (Fabaceae).

GLEANINGS

Ed. Note: Names in all capital letters are *Bean Bag* Readers. Their full names and addresses are listed in the *Bean Bag* Directory appended to this issue.

ABRIL published *Mesorhizobium chacoense* sp. nov., a novel species that nodulates *Prosopis alba* in the Chaco Arido region (Argentina). See International Journal of Systematic and Evolutionary Microbiology 51: 1011–1021. He is currently working on native Argentine legumes and needs help identifying *Rhizobia* material from Argentina. He can offer *Rhizobia* strains from Argentina. Email address aabril@agro.uncor.edu

AKOTOYE needs legume research material and offers seeds of legumes from Ghana. Email address hakotoye@yahoo.com

BEYRA-MATOS continues to work on “Hotspot Diversity” in the Caribbean: the influence of Tertiary history and Islands in the storm: biodiversity, natural disturbance and conservation in the Caribbean. Email address: abeyraes@yahoo.com.mx

PLANCHUELO directs an Economic Botany project that combines studies in seed anatomy and morphology of crop legumes with taxonomic studies of wild species. She would like herbarium specimens of *Lupinus* and *Crotalaria* in exchange for herbarium specimens of legumes from Central Argentina. Email address: planch@crean.agro.uncor.edu.

RECENT LEGUME LITERATURE

Ed. Note: Every effort has been made to ensure authors' names are correctly cited but please notify the editor if your name is misspelled. Authors names in all capital letters are *Bean Bag* Readers. Their full names and addresses are listed in the *Bean Bag* Directory appended to this issue. All correspondence should be addressed directly to them.

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